

DEMENT'YEV, Kh. N.

AUTHOR: Dement'yev, Kh. N.

32-2-46/60

TITLE: Test Machines With Electronic Dynamometers of Foreign Production (Ispytatel'nyye mashiny s elektronnyimi siloizmeritelyami zarubezhnogo proizvodstva).

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 2, pp. 233-236 (USSR).

ABSTRACT: A scheme of a simplified test machine with an electronic dynamometer is given and described. The hydraulic press (up to 45400 kg) works with compressed nitrogen and can test samples up to a height of 2450 mm. The new 30 ton type of the "VEB Material Testing Machines, Leipzig" (references 2,3) is mentioned as well as the machines for measuring the rubber expansibility produced by Scott (reference 4). There is a schematic representation and a detailed description of the universal machine of the Ol'sen system (reference 5) from the 1949 production, and a similar machine of the "Massachusetts-Instron Engineering Corporation" is mentioned, too (reference 7). A picture and a description of the universal electron machine of the Baldwin-Emery system is also given (reference 8). There are 3 figures and 9 references.

Card 1/2

Test Machines With Electronic Dynamometers of Foreign
Production.

32-2-46/60

AVAILABLE: Library of Congress

1. Test sets-USSR

Card 2/2

AUTHOR: Dement'yev, Kh.N.

32-3-46/52

TITLE: Pendulum Impact Testing Machines of Foreign Origin (Mayatnikovyye kopry zarubezhnogo proizvodstva). A Survey (Obzor)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol. 24, Nr 3, pp. 367-372 (USSR)

ABSTRACT: Only foreign devices are mentioned, explained, described and commented upon in the present paper, which also contains illustrations. The pendulum impact testing machines of the following systems are mentioned: Ansler (Schaffhausen, Switzerland), in which case attention is drawn to the latest models; devices manufactured by the firm of Avery (Birmingham, England), which were on show at the British Industries Fair at Birmingham; a model by Riehle (Moline, Illinois, USA) which, like the majority of other types, can be used for samples of the Sharpi and Izoda type; Baldwin (Philadelphia, USA); Olsen (Philadelphia, USA); Losenhansenwerk (Düsseldorf, German Federal Republic); A.B. Alpha (Zundbuberg, Switzerland); Mora (Mannheim, German Federal Republic) and lastly the Feb material testing machines (Leipzig, German Democratic Republic). In the majority of cases the exact

Card 1/2

Pendulum Impact Testing Machines of Foreign Origin

32-3-46/52

dimensions and data concerning capacity are mentioned for each individual pendulum impact testing machine. There are 8 figures, and 11 references, 0 of which are Slavic.

AVAILABLE: Library of Congress

1. Pendulum impact-Test equipment

Card 2/2

AUTHOR: Dement'yev, Kh.N., Candidate of Technical Sciences SOV/32-24-9-52/53

TITLE: V.I. Kirnosov and I.I. Yanovskiy. Machines and Apparatus for Material Testing (V.I. Kirnosov i I.I. Yanovskiy. Mashiny i pribory dlya ispytaniya materialov) Mashgiz, 300 Pages, 1957, 11.65 Roubles (Mashgiz, 300 str., 1957 g., 11 r. 65 kop.)

PERIODICAL: Zavodskaya Laboratoriya, 1958, Vol 24, Nr 9, pp 1167-1167 (USSR)

ABSTRACT: The book mentioned in the title is discussed. It contains 5 chapters and 128 figures. There are, however, no machines for testing the fatigue among those mentioned in this book. It is suggested for laborers in the laboratories of works, as well as for state employed supervisors and workers who deal with repair works and checking of testing machines and apparatus. It is mentioned that the book should have dealt with some generalizations in the interpretation of theoretical basic concepts, constructional details, repair works etc. The plan of the machine P - 5 in figure 20 in this book does not agree with its description. There are a few more of such faults; they are mentioned. It is pointed out that in the case of a new edition of this book the descriptions of the

Card 1/2

V.I. Kirnosov and I.I. Yanovskiy. Machines and Apparatus for Material Testing. Mashgiz, 300 Pages, 11.65 Roubles SOV/32-24-9-52/53

machines should be cut and the faults mentioned should be corrected.

Card 2/2

28(4)

AUTHOR:

Dement'yev, Kh. N.

SOV/32-24-12-42/45

TITLE:

Foreign-Produced Vertical Machines of Greater Strength
(Vertikal'nyye ispytatel'nyye mashiny bol'shoy sily
zarubezhnogo proizvodstva) Survey (Obzor)

PERIODICAL:

Zavodskaya Laboratoriya, 1958, Vol 24, Nr 12,
pp 1523 - 1526 (USSR)

ABSTRACT:

The vertical testing machines of static operation are used in testing quality, and are for the most part equipped with testing frames of greater dimensions. An illustration of a vertical machine of Baldwin (Baldvin) (Ref 1)(Fig 1) of 1950 - 1956 production is given with a description. The diagram of the loading mechanism (Fig 2) is given separately and explained. The application of the mechanism for measuring strength according to the system of Tate-Emery (Teyt-Emeri) is indicated in figure 3. The construction of a simplified model of the testing machine (Fig 4) which is different from the others is likewise explained. A diagram of the hydraulic

Card 1/2

Foreign-Produced Vertical Machines of Greater Strength. SOV/32-24-12-42/45
Survey

vertical machines produced by the English firm
Eyveri (Fig 5) is given and explained. There are
5 figures and 2 references.

Card 2/2

25(2)

AUTHOR:

Dement'yev, Kh. N.

30V/32-25-9-48/53

TITLE:

Hydraulic Testing Presses of Foreign Origin. A Survey

PERIODICAL:

Zavodskaya laboratoriya, 1959, Vol 25, Nr 9, pp 1142-1145 (USSR)

ABSTRACT:

The author gives a survey of hydraulic presses used to test materials, and which were manufactured abroad, and figures together with descriptions and explanations are given. The following presses are mentioned: presses installed in the plant of S. Denison, England (TIV-MS), the machine-building factory MAN, Augsburg (Fig 1), Losenhausenwerk (Fig 2), of Mor and Federhaff, Mannheim (Fig 3), of Amsler, Schaffhausen, in the works Feb Werkstoffpruefmaschinen, Leipzig (Fig 4), and of Baldwin, Philadelphia (USA) (Fig 5). A new design suggested for a pressure plate by A. C. Carter (Ref 9) (Fig 6) is discussed as well. The author finally points out that a pendulum transmission dynamometer is used for the major part of the above-mentioned machines. The dynamometers are provided with control indicators, allowing for an uncomplicated determination of load for test destruction. The upper pressure plate is usually mounted on a spherical support. There are 6 figures and 9 references.

Card 1/1

DEMENT'YEV, Kh.N.

Determining the impact strength of ice. Probl.Arkt.i Antarkt.
no.7:52-53 '61. (MIRA 14:10)
(Ice--Testing)

DEMENT'YEV, Kh. N.

Hydraulic testing press for test pieces of large dimensions. Záv.
lab. 27 no. 11:1420-1421 '61. (MIRA 14:10)

1. Rostovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Testing machines)

. DEMENT'YEV, Kh.N., kand. tekhn. nauk

Determining the mechanical properties of sea and river ice.
Sbor. nauch. trud. RIIZHT no.40:143-163 '63.

(MIRA 18:3)

DEMENT'YEV, I.F.

Possibility of applying mining geometry to programming the development of oil fields. Trudy VNII no.14:211-226 '58. (MIRA 12:7)
(Oil reservoir engineering)

DEMENT'YEV, L. F., Cand Geol-Mineral Sci — (disc) "The use of mountain geometry principles for solving problems concerning the prospecting and exploitation of oil deposits," Moscow, 1960, 21 pp, (All-Union Oil-Gas Scientific Research Institute, VNIIG)
(KL, 38-60, 107)

DEMENT'YEV, L.F.

Using mathematical statistics and the theory of probabilities
for evaluating prospecting results. Trudy VNII no.23:101-113
'60. (MIRA 13:11)

(Petroleum geology)

DEMENT'YEV, L.F.

Complex of studies of test wells furnishing the initial data for calculating oil and gas reserves and programming the development phase. Trudy VNII no. 33:190-198 '61. (MIRA 16:7)

1. Tatarskiy neftyanoy nauchno-issledovatel'skiy institut.
(Petroleum geology)

FROLOV, Ye.F.; SIVOKHINA, N.B.; DEMENT'YEV, L.F.; KOCHETOV, M.N.; MOLOTOV, N.A.

Preliminary method of evaluating the accuracy of calculating
petroleum reserves by the volume method. Trudy VNII no.36:38-56
'62. (MIRA 15:11)

(Petroleum geology)

DEMENT'YEV, L.F.; GLUMOV, I.F.; CHOLOVSKIY, I.P.; CHENTSOVA, G.K.

Method of determining the conditions for calculating petroleum
reserves as exemplified by D1 horizon of one of the fields of the
Tatar A.S.S.R. Trudy VNII no.36:167-179 '62. (MIRA 15:11)
(Tatar A.S.S.R.--Petroleum geology)

DEMENT'YEV, I.

Make wider use of mine surveying methods in oil and gas production. Geol. nefti i gaza 7 no.4:62-64 Ap '63.
(MIRA 16:4)

(Oil fields) (Surveying)

DEMENT'YEV, L.F.; BAD'YANOV, V.A.; AZAMATOV, V.I.

Study of the relation of natural potentials to porosity and
permeability. Razved.i prom.geofiz. no.43:114-117 '62.

(MIRA 15:8)

(Romashkino region--Oil sands--Permeability)

DEMENT'YEV, L.F.

Mathematical statistics in petroleum geology. Geol. нефти i
gaza 8 no.3:18-21 Mr '64. (MIRA 17:6)

1. Kamskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
geologorazvedochnogo neftyanogo instituta, Moskva.

SAFONOV, Ivan Stepanovich, zasluzhennyy uchitel' professional'no-tekhnicheskogo obrazovaniya RSFSR; BORISOV, U.; DEMENT'YEV, M.

Enthusiasm and exactingness; thoughts about our work. Prof.-tekh. obr.
22 no.9:11-14 S '65. (MIRA 18:9)

1. Master professional'no-tekhnicheskogo uchilishcha No.3, Voronezh
(for Dement'yev).

10-11-61 to 5/1/64
DEMENT'YEV, M. A.

"The Motion of Liquid at Turning Points in the Channel," L., 1930

DEMENT'YEV M. A. PROF

FA 1/49T35

USSR/Engineering
Turbines, Steam
Exhaust Systems

Jan/Feb 48

"Hydromechanical Study of the Varieties of Exhaust
Outlets of Steam Turbines," Prof M. A. Dement'yov
and A. K. Chertkov, Engr, LPI imeni M. I. Kalinin,
44 pp

"Kotloturbostroy" No 1

Gives methods employed and results of experimental
studies of hydraulic losses of outlets of turbines.
On basis of results, internal construction of outlet
nozzle was altered, which resulted in lowering
hydraulic losses by 8%.

1/49T35

DEMENT'YEV, M.A., professor, doktor tekhnicheskikh nauk.

On formulation of basic principles for calculating hydraulic flow.
Chapter III (continuation). Izv.VNIIG no.38:3-28 '48. (MLRA 10:2)
(Hydraulics)

DEMENT'YEV, M. A.

DEMENT'YEV, M. A. "Experience in developing a system for estimating water transport",
Izvestiya Vsesoyuz. nauch.-issled. in-ta gidrotskhnili im. Vedeneyeva, Vol. XXXVIII,
1948, p. 3-28, (Continuation: beginning: Vol. XXXVI, 1948).

SO: U3042, 11 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 7 1949).

DEMENT'YEV, M. A.

35245

Raschet Davleniy Fil'Tratsionnogo ~~Rotika~~ Sozdavaemogo V Grunte Struey
Gidromonitora. Izvestiya Vsesoyoz. Nauch. - Isseed. IN-Ta Gidrotekhniki
Im. Vedeneeva, T. XL, 1949, S. 73-88-Bibliogr: 17 Nazv

SO: Letopis'Zhurnal'Nykh Statey Vol 34, Maskva, 1949

DEMENT'YEV, M.A., professor, doktor tekhnicheskikh nauk; GORYUNOV, S.I.,
inzhener.

Calculating the pressures of seepage flow brought about in
the soil by a hydraulic monitor jet. Izv. VNIIG no.40:73-88
'49. (MLRA 10:2)

(Jets) (Soil mechanics)

DEMENT'YEV, M.A., prof., doktor tekhn.nauk

Calculating the most efficient operating conditions for
pulp pipelines. Izv.VNIIG 48:85-94 '52. (MIRA 12:5)
(Hydraulic engineering)

DEMENT'YEV, M.A., prof., doktor tekhn.nauk

Calculating the optimum conditions for hydraulic transportation systems. Izv.VNIIG 50:131-136 '53. (MIRA 12:5)
(Hydraulic machinery)

DEMENTIYEV, M. A.

3923. Dementiev, M. A. Hydraulic efficiency of silt transporters (in Russian), *Gidrotekh. Stroit.* 22, 9, 3-6, Sept. 1953.
Article deals with silt transportation in dredge pipes. Total energy of the mixture is represented as a function of dimensionless value $\Pi = (c/\Delta + c)(Q/\rho^{1/2}R^{1/2})$, similar to Froude number, where $c = \Delta Q/Q$, Δ is specific gravity of sand, Q is sand discharge, R hydraulic radius. Results of 25 laboratory tests with different samples of sand show a parabolic relationship of 2.2 to 2.8 power.
S. Kolupaia, USA

DEMENT'YEV, MIA.

AID P - 3937

Subject : USSR/Hydr. Eng.

Card 1/1 Pub. 35 - 1/19

Authors : Konikh, V. V. (Dneprostroy) Platonov, V. A. (Gidromekhanizatsiya), Engs; Borodin, P. V. Kand. Tech. Sci. (MISI), Dement'yev, M. A., Dr. Techn. Sci. (VNIIG) and Gal'perin, R. S. Eng. (Gidroproyekt)

Title : The damming of the Dnepr River at the Kakhovka hydro-power construction.

Periodical : Gidr. stroi., 7, 1-6, 1955

Abstract : The article describes the hydraulic fill method used to build the earth fill without a rock toe in the Kakhovka Dam construction. Some flow data are given. The equipment used and the earth and rock work are described in great detail. Four diagrams.

Institution : None

Submitted : No date

DEMENT'YEV, M.A., professor, doktor tekhnicheskikh nauk.

Transport of a single solid body by a nonuniform fluid flow. Izv.VNIIG
no.54:3-26 '55. (ML)A 10:3)

(Hydraulics)

DEMENT'YEV M.A.

BELYAKOV, A.A.; ERISTOV, V.S.; DEMENT'YEV, M.A.; BORODIN, P.V.; FOGEL'SON,
S.B.; PLATONOV, V.A.; YORISH, Ye.L.; GAL'PERIN, R.S.

Letter to the editors. Gidr. stroi. 26 no.4:52-53 Ap '57.
(Dams) (MLRA 10:6)

SOV/124-58-7-7777

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 7, p 67 (USSR)

AUTHOR: Dement'yev, M.A.

TITLE: On Computing the Most Advantageous Conditions for Water-transport Systems (O raschete naivygodneyshego rezhima gidrotransportnykh sistem)

PERIODICAL: Izv. Vses. n.-i. in-ta gidrotekhn., Vol 50, pp 131-136

ABSTRACT: Bibliographic entry

1. Transportation--Theory

Card 1/1

ZHULAYEV, R.Zh., kand.tekhn.nauk, otv.red.; VELIKANOV, M.A., red.;
~~DEMENT'YEV, M.A., prof., doktor tekhn.nauk, red.; DUMITRASHKO,~~
~~N.V., doktor geograf.nauk, red.; KAVETSKIY, S.P., kand.geograf.~~
nauk, red.; KOCHERGA, F.K., kand.sel'skokhoz.nauk, red.; CHOKIN,
Sh.Ch., akademik, red.; OSADCHIY, F.Ya., red.; ROROKINA, Z.P.,
tekhn.red.

[Materials of the Fourth All-Union Conference on Torrential Floods]
Materialy IV Vsesoiuznoi konferentsii po selevym potokam. Alma-Ata,
1959. 231 p. (MIRA 12:10)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut energetiki.
2. Akademiya nauk Kazakhskoy SSR (for Zhulayev, Chokin).
3. Chlen-korrespondent AN SSSR (for Velikanov).
4. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki (for Dement'yev).
4. Sredne-aziatskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva (for Kocherga).

(Floods--Congresses)

DEMENTYEV, M. A.

10(4)
AUTHOR:
TITLE:
PERIODICAL:
Card 4/6

80V/98-59-7-21/22
Conference on Scientific Research in the Field of
Hydromechanics
Gidrotekhnicheskoye stroitel'stvo, 1959, Nr 7, pp
62-65 (USSR)

V. V. Dlouhy, Can-
didate of Technical Sciences (VNIIS) and Engineer
in Irrigation of Natural Sand in the Preparation
of Concrete at the Institute of Hydromechanics
of the USSR Academy of Sciences, M. A. Dementyev
(Gidroproyekt): "Special-purpose earth Detonators";
Engineer, I. A. Kovalev (Planning and Design Office of
the Hydromechanization Trust of the Ministry of the
USSR): "New Designs of Bucket-Rotor Types of Disin-
tegration Equipment"; L. B. Borisovskiy, Candidate of
Technical Sciences (IGD of the Academy of Sciences
of the USSR), Engineer N. X. Kankar (The Lead-Mi-
ning Trust), and M. A. Kuriksha, Candidate of Techni-
cal Sciences (DORUGI): "The Design of Feeders for
the Transport of Heavy Materials through the Con-
veyor Conduits"; The design of the conveyor con-
duits for the transport of heavy materials, con-
tained in the paper read by the following: I. V. Kozlovskiy,
member of the Academy of Sciences of the Armenian
SSR; "The Movement of Alluvia and Related Problems"
Prof. M. A. Romanovskiy, Doctor of Technical Sciences
(Murmansk N. Ye. Vozdvizhnyy), A. K. Kuznetsov, and E. G.
Kozlovskiy, Candidate of Technical Sciences (the Insti-
tute of Energetics of the Academy of Sciences of
the Armenian SSR); "The Kinematics of Turbulent
Streams"; Prof. V. V. Dlouhy, Candidate of Technical
Sciences (Gidrotekhnicheskoye stroitel'stvo, M. A.
Method for Settling the Movement of Alluvia; M. A.
Kozlovskiy, corresponding member of the Academy of
Sciences of the USSR; "The Theoretical and Practi-
cal Value of the Gravitational Theory of Alluvia";
M. A. Silin, Candidate of Technical Sciences; "Loss
of Pressure and Hydraulic Resistance in Large-Dia-
meter Tubes"; A. K. Kuznetsov, Candidate of Techni-
cal Sciences (VNIIS), M. P. Zolov (VNIIS), and
S. A. Kozlovskiy (IGD of Academy of Sciences of the
USSR); "Experiments in Water Supply in Conduit fu-
els of Various Diameters"; L. B. Borisovskiy, Candidate
of Technical Sciences; "Resistance in Rough Open
Rivers";

ASSOCIATION: (Conference Organizing Committee) Organizatset po
provedeniyu soveshchaniya

Card 5/6

DEMIANT'YEV, M.A., prof., doktor tekhn. nauk

General equations and dynamic similarity of flows with super-
sions. Izv. VNIIG 73:25-35 '63 (MIRA 18:1)

DEMENT'YEV, M.D.

Causes for the lag in the construction of communication lines.
Stroi truboprov, 7 no.6:26 Je '62! (MIRA 15:7)

1. Glavnyy inzh. stroitel'nogo uchastka svyazi tresta.No.8, Ufa.
(Pipelines--Communication systems)

DENISOV, V.A., kand. tekhn. nauk; MANAKIN, A.M., kand. tekhn. nauk;
KOSTENETSKIY, S.V., inzh.; KONDRASHEV, A.J., inzh.;
MAKSIMENKO, G.A., inzh.; DEMENT'YEV, M.F., inzh.

Cooling steel anvil molds after their filling and the subsequent
heat treatment of the castings. Lit. proizv. no.12:19-21 D '65.
(MIRA 18:12)

DEMENT'YEV, M.I.

DEMENT'YEV, M.I.; KIRSNER, M.L.; YAMSHCHIKOVA, A.I.

Lamliosis in etiology of chronic enterocolitis in young children in Moscow and its therapy. *Pediatrica, Moskva* No.3:42-46 May-June 50.
(CLML 19:4)

1. Of the Clinic for Children's Diseases (Director -- Honored Worker in Science Prof. V.I.Molchanov, Active Member of the Academy of Medical Sciences; Scientific Director of Work -- Prof. Yu.F.Dombrovskaya, Corresponding Member of the Academy of Medical Sciences), First Moscow Order of Lenin Medical Institute and of Children's Nurseries No.73 for Chronic-Dysentery Patients of Molotov Rayon in Moscow (Head -- A.A.Pavlov).

DEMENT'YEV, N. I.

Electric arc welding by a bundle of electrodes. Moskva, Mashgiz, 1951.

DEMENTYEV, Mikhail Invanovich; KRISHTAL', L.I., redaktor; KHITROV, P.A.,
tekhnicheskiy redaktor

[A railroad's experience in devising efficient methods and producing
inventions] Opyt raboty dorogi po ratsionalizatsii i izobretatel'stvu.
Moskva, Gos. transp. zhel-dor. izd-vo, 1956. 89 p. (MLR 9:12)
(Railroads--Management)

DEMENT'YEV, M.P.

3(4)

PHASE I BOOK EXPLOITATION

SOV/2881

Yermolov, Boris Pavlovich, and Mikhail Pavlovich Dement'yev

Osnovy geodezii dlya stroiteley (Principles of Geodesy for Builders)
Moscow, Geodezizdat, 1958. 211 p. 20,000 copies printed.

Ed.: G.P. Levchuk; Tech. Ed.: V.V. Romanova; Ed. of Publishing House:
A.I. Inozemtseva.

PURPOSE: This textbook is intended for students at tekhnikums studying civil and industrial construction techniques.

COVERAGE: This text presents a course in those aspects of surveying used in construction work. The first portion of the book is given over to a discussion of general questions in surveying, i.e., the figure of the Earth, determining position on a sphere and on a plane, measuring lines, the Earth's magnetism, angles, azimuths, and bearing. A discussion of the basic instruments used in surveying is also included. The second, and more specialized, part of the text treats topics of particular interest in construction work.

Card 1/'9

Principles of Geodesy for Builders

SOV/2881

These include: surveying built-up areas, leveling in construction work, curve layout, relief portrayal on plans, tacheometer surveys, etc. No personalities are mentioned. There are 24 Soviet references.

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1. The subject of surveying	5
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3. Surveying in the service of Socialist construction	7
4. The figure of the Earth and its dimensions	8
5. Portraying the Earth's surface on a plane	9
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7. General types and methods of surveying	11
Ch. I. Scales	
8. Types of scales	14

Card 2/ 9

ACC NR: AP6035299

(N)

SOURCE CODE: UR/0017/66/000/010/0042/0042

AUTHOR: Dement'yev, N. (Senior lecturer)

ORG: [Dement'yev] Swimming Department of the Leningrad Institute of Physical Culture im. Lesgaft (Kafedra plavaniya Leningradskogo instituta fizkul'tury)

TITLE: Sources of underwater sports

SOURCE: Voyennyye znaniya, no. 10, 1966, 42

TOPIC TAGS: training, training area, swimming, underwater sport, diving

ABSTRACT: On the basis of an article on the problem of training children in underwater sports [Koyennyye Znaniya, no. 8, 1966] the author describes in detail a training project started in October 1962 at the Swimming Department of the Leningrad Institute of Physical Culture im. Lesgaft. This project consists in an intensive three-year program in underwater sports, the use of the aqualung, underwater first aid. A group of teen-agers selected in the 7th grade of secondary schools was given this training. The author adds that no competition is allowed among these junior trainees. He stresses that similar training centers should be

Card 1/2

ACC NR: AP6035299

organized by DOSAAF Republic Committees, and Federations of Underwater Sports in cities equipped with swimming pools. The author adds that in the past three years the institute has trained 25 highly qualified teachers of underwater sports and is now training 24 more. However, he deplores the fact that there are no cadres being trained anywhere else and predicts difficulties if this situation is not improved. Orig. art. has: 1 figure. [GC]

SUB CODE: 05/SUBM DATE: none/

Card 2/2

DEMENT'YEV, N.F.

Determining underground feeding of a river from observations on
the ground-water level in its basin. Meteor. i gidrol. no.10:
33-36 0 '61. (MIRA 14:9)

(Water, Underground) (Rivers)

DEVYATOVA, V.A.; DEMENT'YEV, N.F.; YELFIMOV, A.V.; KUPIYANSKAYA, A.P.;
MAKSEMOVA, A.A.; MARGOLIN, L.M.; RUDNEV, G.V.; SIROTOV, K.M.;
SOLOPOV, A.V.

Conferences, meetings, and seminars. Meteor.i gidrol. no.11:68-
70 N '62. (MIRA 15:12)
(Hydrology—Congresses) (Meteorology—Congresses)

DEMENT'YEV, N. F.

DEMENT'YEV, N. F. [Dement'yev, N. F.]

Tests in determining the underground feeding of a river according to the observations made on the level of underground waters in the basin of the ~~given~~ river. Analele geol geogr 14 no.4:109-114 0-4 '62.

DEMENT'YEV, N.F.

Calculation of the underground sources of rivers based on the level
of underground waters. Trudy TSIP no.130:126-140 '63.

(MIRA 17:3)

DEMENT'YEV, N.F.

Synchronicity in fluctuations of the levels of underground waters
and calculation of subsurface flow. Meteor. i gidrol. no.6:10-17
Je '63. (MIRA 16:6)

1. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.
(Water, Underground)

DEMENT'YEV, N.I.

Biological observations on Arctic foxes and measures for their
protection in Archangel Province and adjacent areas. Okhr. priro.
i ozel. no.3:31-51 '60. (MIRA 16:12)

1. Chlen Vserossiyskogo obshchestva sodeystviya okhrane prirody
i ozeleneniyu naselennykh punktov.

DEMENT'YEV, Nikolay Nikolayevich; KOSYACHENKO, Petr Ivanovich; YARMYSH, Yu.,
red.; FISENKO, A., tekhn.red.

[Crimean health resorts] Krym kurortnyi. Simferopol', Krymizdat,
1960. 158 p. (MIRA 13:9)

(CRIMEA--HEALTH RESORTS, WATERING PLACES, ETC.)

DEMENT'YEV, N. S.

DEMENT'YEV, N. S. -- "Investigation of the Adhesion of Material to a Concave Metal Strip." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1955. (Dissertation for the Degree of Candidate in Technical Sciences)

SOURCE Kpizhnaya Letopis', No 6 1956

ALEKSEYEV, G.P.; ANDON'YEV, V.S.; ARNGOL'D, A.V.; BASKIN, S.M.;
 BASHMAKOV, N.A.; BEREZIN, V.D.; BERMAN, V.A.; BIYANOV, T.F.;
 GORBACHEV, V.N.; GRECHKO, I.A.; GRINBUKH, G.S.; GROMOV, M.F.;
 GUSEV, A.I.; DEMENT'YEV, N.S.; DMITRIYEV, V.P.; DUL'KIN, V.Ya.;
 ZVANSKIY, M.I.; ZENKEVICH, D.K.; IVANOV, B.V.; INYAKIN, A.Ya.;
 ISAYENKO, P.I.; KIPRIYANOV, I.A.; KITASHOV, I.S.; KOZHEVNIKOV,
 N.N.; KORMYAGIN, B.V.; KROKHIN, S.A.; KUDOYAROV, L.I.;
 KUDRYAVTSEV, G.N.; LARIN, S.G.; LEBEDEV, V.P.; LEVCHENKOV,
 P.N.; LEMZIKOV, A.K.; LIPGART, B.K.; LOPAREV, A.T.; MALYGIN,
 G.F.; MILOVIDOVA, S.A.; MIRONOV, P.I.; MIKHAYLOV, B.V., kand.
 tekhn. nauk; MUSTAFIN, Kh.Sh., kand. tekhn. nauk; NAZIMOV, A.D.;
 NEFEDOV, D.Ye.; NIKIFOROV, I.V.; NIKULIN, I.A.; OKOROCHKOV, V.P.;
 PAVLENKO, I.M.; PODROBINNIK, G.M.; POLYAKOV, G.Ya.; PUTILIN, V.S.;
 RUDNIK, A.G.; RUMYANTSEV, Yu.S.; SAZONOV, N.N.; SAZONOV, N.F.;
 SAULIDI, I.P.; SDOBNIKOV, D.V.; SEMENOV, N.A.; SKRIPCHINSKIY, I.I.;
 SOKOLOV, N.F.; STEPANOV, P.P.; TARAKANOV, V.S.; TREGUBOV, A.I.;
 TRIGER, N.L.; TROITSKIY, A.D.; FOKIN, F.F.; TSAREV, B.F.; TSETSULIN,
 N.A.; CHUBOV, V.Ye., kand. tekhn. nauk; ENGEL', F.F.; YUROVSKIY,
 Ya.G.; YAKUBOVSKIY, B.Ya., prof.; YASTREBOV, M.P.; KAMZIN, I.V., prof.,
 glav. red.; MALYSHEV, N.A., zam. glav. red.; MEL'NIKOV, A.M., zam.
 glav. red.; RAZIN, N.V., zam. glav. red. i red. toma; VARPAKHOVICH,
 A.F., red.; PETROV, G.D., red.; SARKISOV, M.A., prof., red.;
 SARUKHANOV, G.L., red.; SEVAST'YANOV, V.I., red.; SMIRNOV, K.I.,
 red.; GOTMAN, T.P., red.; BUL'DYAYEV, N.A., tekhn. red.

(Continued on next card)

ALEKSEYEV, G.P.---(continued). Card 2.

[Volga Hydroelectric Power Station; a technical report on the design and construction of the Volga Hydroelectric Power Station (Lenin), 1950-1958] Volzhskaya gidroelektrostantsiya; tekhnicheskii otchet o proektirovanii i stroitel'stve Volzhskoi GES imeni V.I.Lenina, 1950-1958 gg. V dvukh tomakh. Moskva, Gosenergoizdat. Vol.2.[Organization and execution of construction and assembly work] Organizatsiya i proizvodstvo stroitel'no-montaznykh rabot. Red. toma: N.V.Razin, A.V.Arngol'd, N.L.Triger. 1962. 591 p. (MIRA 16:2)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Razin).

(Volga Hydroelectric Power Station (Lenin)--Design and construction)

DEMENT'YEV, N.V.

Railroad structures should be repaired by the track-maintenance machine stations. Put' i put.khoz. 4 no.10:35 0 '60.

(MIRA 13:9)

1. Glavnyy inzhener Putevoy dorozhnoy mashinnoy stantsii-2 (g.Kaunas).

(Railroads--Maintenance and repair)

DEMENTIYEV, Nikolay Vasil'yevich; SERGEYEV, Georgiy Maksimovich; KHVOSTOVA, D.M., red.; GOLICHENKOVA, A.A., tekhn. red.

[To you, comrade voluntary police!] Tebe, tovarishch druzhinnik.
Moskva, Izd-vo VTsSPS Profizdat, 1961. 126 p. (MIRA 14:11)
(Auxiliary police)

USSR

63-320

551,543.33(47);531,548;633.18

Dement'ev, P. F. Opyt kul'tury rizs s periodicheskim polivom v Alkhanchurskoi doline Groznenskoi oblasti. [Experiment on rice cultivation with periodic sprinkling in the Alkhanchursk Valley, Groznyi district.] *Vestnik Akademi Sel'skokhoziaistvennykh Nauk imeni V. I. Lenina, Doklady*, No. 7:8-14, 1952. 5 figs., 5 tables, 2 refs. **DLC**—The Experimental Station of the Union Institute of Irrigation at Groznyi cultivated rice during 1950-1951 in Alkhanchursk Valley (6 km from Groznyi) without the permanent water layer over the field. Under conditions of a very dry climate during the growing season 4-5000 m³ of water per hectare were needed for sprinkling, and the harvest of rice reached to 40-50 centners (about 2 tons) per hectare. The wide-strip sowing is preferable to compact sowing, because the former is more resistant to drought and the control of weeds is easier. *Subject Headings*: 1. Sprinkling 2. Rice culture 3. Groznyi, U.S.S.R.—*N.T.Z.*

DEMENT'YEV, P.F., kandidat sel'skokhozyaystvennykh nauk.

Utilising production potentialities in irrigation farming. Dokl.
Akad. sel'khoz. 21 no.8:45-48 '56. (MIRA 9:10)

1. Gromnenskaya opytno-meliorativnaya stantsiya. Predstavleno akade-
nikom A.N. Kostyakovym.
(Irrigation farming)

DEGENYEV, P. I.

Peculiarities in cultivating Siberian larch. Les. Khoz. no 2(41), 1952.

1. DEMENT'YEV, P. [1.]
2. USSR (600)
4. Tree Planting
7. Reducing the number of cooperations in tree planting, Les. khoz.,
6, No. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

DEMENT'EV, P. I.

Work practice of the Bronnitskii forestry sector Moskva, Goslesbizdat,
1954. 47 p. (55-15495)

SD74.M6D4

1. Forests and forestry - Russia - Moscow (Province)

DEMENT'YEV, P. [1.]

Rapid preparation of large trees for municipal landscaping.
Zhil.-kom. khoz. 5 no.8:25-26 '55. (MIRA 8:6)

1. Lesnichiy Bronnitskogo lesnichestva.
(Tree planting)

Dement'yev, P.I.

USSR / Forestry. Forest Plants.

K-5

Abs Jour: Ref Zhur - Biologiya, No. 1, 1958, 1367

Author : Dement'yev, P.I.

Title : Plantings of Larches from Various Geographical Regions in the Bronnitskiy Forestry.

Orig Pub: Lesn. kh-vo, 1957, No. 2, 53-60

Abstract: In May 1955, in the Bronnitskiy forestry of Moskovskaya oblast' larches from different geographical regions were planted on peat-clay soils. It was determined that under Moskovskaya oblast' conditions the Altay larch lags significantly behind other types of larch in adaptability and energy of growth. It is noted that the European larch gives many crooked trunks in consequence of the upper part of the trunk, which atrophies, being replaced by a horizontal side

Card 1/2

DIRMENT'YEV, Petr, Trofimovich; KOVSHOVA, O.M., red.; LOKHMANOVA, M.F.,
tekhn. red.

[Making bricks and slag-cement roofing slate in seasonal brick
factories] Proizvodstvo kirpicha i shlakotsementnogo shifera na
sezonnnykh kirpichnykh zavodakh. Moskva, 1958. 45 p. (MIRA 12:2)
(Roofing, Slate) (Brickmaking)

KHAZANOVICH, M.P.; DEMENT'YEV, S.I., inzh., red.; MIKHAYLOVA, V.V.,
tekhn.red.

[Transportation in ferrous metal plants] Vnutrisavodskii
transport zavodov chernoi metallurgii. Moskva, Gos.nauchno-
tekhn.isd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1951.
243 p. (MIRA 14:1)
(Metallurgical plants--Equipment and supplies)
(Railroads, Industrial) (Materials handling)

RYVKIN, Mikhail Osipovich; DEMENT'YEV, Sergey Ivanovich;
PLESHKOV, Leonid Yefimovich [deceased]; GOKHBOM,
Yevgeniy Nannovich; RABKIN, Yu.I., red.

[Transportation in metallurgical plants] Transport na
metallurgicheskikh zavodakh. Moskva, Metallurgiya, 1964.
412 p. (MIRA 17:12)

DYATLOV, V.L.; DEMENT'YEV, S.K.; P'YANKOV, Yu.A.

Paramagnetic oscillations and rotation in ferromagnetic films.
Vych. sist. no.2:16-23 '62. (MIRA 18:2)

DEMENT'YEV, S.K.; POLINA, T.V.

Broadening of the range of parametric oscillations by means of a
transient process. Vych. sist. no.2:37-42 '62.

(MIRA 18:2)

L 19323-63 EWP(q)/EWT(m)/BDS AFFTC/ASD Pad JD/HW
ACCESSION NR: AR3005870 S/0271/63/G00/007/3037/3037

SOURCE: RZh. Avtomatika, telemekhanika i vy*chislitel'naya tekhnika, Abs. 7 B189

AUTHOR: Dyatlov, V. L.; Dement'yev, S. K. B3

TITLE: On designing and calculating magnetic film parametrons

CITED SOURCE: Sb. Vy*chisl. sistemy*. Vy*p. 2. Novosibirsk, 1962, 43-51

TOPIC TAGS: parametron, computer component, computer

TRANSLATION: The design discussed here consists of a base layer with its long axis along the y-axis on which there are two output contacts in the xz-plane. A Permalloy film is sprayed on the bottom side of the base layer, then a conducting film which connects the contacts; the capacitor of the parametron, which consists of two conducting and one dielectric films, is sprayed on the other side of the base layer. Each conducting film -- the plates of the capacitor -- is connected to one of the output contacts. The system of films together with the contacts forms an oscillating circuit consisting of the film capacitor and an inductance; the value of the inductance is determined by the properties and size of the Permalloy film and the dimensions of the base layer. It is assumed that each

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ACCESSION NR: AR3005870

parametron is located in some cavity in which exciting variable and permanent magnetic fields are set up that penetrate through the conducting films into the Permalloy film. These fields are applied along the y-axis of the parametron; it is also assumed that the axis of easy magnetization of the Permalloy film is established along the y-axis in the spraying process. The author examines the principal relations that characterize the parametron described here: the capacitance and the resistance of the film capacitor which is equivalent to the dielectric losses, the resistance of the film capacitor, the resistance of the conducting films of the circuit, the energy losses in the films, the output voltage and the power developed in the parametron. The author gives an estimate of the distance which should separate neighboring parametrons so that their mutual magnetic influence will be sufficiently small. There is one illustration and the bibliography consists of three references. G. V.

DATE ACQ: 15Aug63

SUB CODE: GE, CP

ENCL: 00

Card 2/2

I. 19324-63

ENP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AR3005871

S/0271/63/000/007/2037/2037- ~~18~~ 1

SOURCE: RZh. Avtomatika, telemekhanika i vy*chislitel'naya tekhnika, Abs.-7 B190

AUTHOR: Dement'yev, S. K.; Litvinchuk, V. I.; Polina, T. V.; Tolmacheva, R. F.

TITLE: An experimental investigation of oscillating regions in a magnetic film parametron

CITED SOURCE: Sb. Vy*chisl. sistemy*. Vy*p. 2. Novosibirsk, 1962, 52-57

TOPIC TAGS: parametron, computer component

TRANSLATION: The parametrons investigated here consisted of a circular Permalloy film with a diameter of 1 cm deposited on a glass base layer with dimensions 18 x 18 x 0.1 mm; a one-layer inductive winding (10 turns of 0.09 mm wire) wound on a frame with a cross section of 35 x 1.4 mm; also a capacitor with a capacitance of 2100 micro-microfarads. The parametrons were placed in a cavity between two buses which set up the inductance of the power supply circuit; the circuit was adjusted to resonance by means of the capacitor. The permanent and variable magnetic fields set up by corresponding currents in the power buses were directed along the axis of easy magnetization of the films. In the experiments the parametron film was

Cord. 1/2

L 19324-63

ACCESSION NR: AR3005871

subjected to the action of a variable field with a frequency of $2f = 4.3$ mc, the amplitude of which was modulated by a frequency of 50 cps. The value of the permanent field acting on the film along with the variable field could be changed. A total of 27 films were studied; 24 films with thickness somewhat greater than 1500 Å produced parametric oscillations with frequency f . As shown by results from measurements, oscillations existed when there were changes in the amplitude of the variable field of $\pm 20\%$ as compared with the average value, and when there were changes of $\pm 45\%$ in the permanent field; a noticeable decrease in parametric oscillating regions occurred with a change of 6% in the power frequency from the resonance frequency corresponding to the maximum oscillating region. There are six illustrations. G. V.

DATE ACQ: 15Aug63

SUB CODE: GE, CP

ENCL: 00

Card 2/2

44926

9.7140
16.6810

S/745/62/000/004/001/007
D201/D308

AUTHORS: Dyatlov, V. L., Dement'yev, S. K. and P'yankov, Yu. A.

TITLE: Application of the magnetic moment in ferromagnetic films to continuously rotating elements of computers

SOURCE: Moscow. Inzhenerno-fizicheskiy institut. Vychislitel'naya tekhnika, no. 4, 1962, 13-15

TEXT: The equation describing the motion of the magnetic moment in a single-domain magnetic film is analogous to that of the movement of a magnetic pointer. The simplest method of obtaining a continuous motion of magnetization vector is to use a film in which the periodically changing magnetic field is perpendicular to the axis of weak magnetization. The above equation has been solved on a computer at the Vychislitel'nyy tsentr Sibirskogo otdeleniya AN SSSR (Computer Center, Siberian Branch of the AS USSR). One of the solutions shows that the process of reversing occurs during a very short interval of time, approximately equal to one period of revolution of magnetization vector, thus making it possible to reverse

Card 1/2

Application of the magnetic ...

S/745/62/000/004/001/007
D201/D308

the rotation in approximately 0.2×10^{-8} sec by using very small fields. The element, based on the principle of rotation of magnetic moment, has been called a rototron and may be used as a logic element in digital computers. There are 2 figures.

Card 2/2

DEMENT'YEV, S. I.

1. IVANOV, K.; DEMENT'YEV, S.
2. USSR (600)
4. Paint Mixing
7. Emulsion thinner for oil paints. Sel'. stroi. 8, No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

~~DEMENT'YEV, S.T.~~

~~IVANOV, K.A.; DEMENT'EV, S.T.~~

Oil paint emulsion thinner. Gor.khoz. Mosk. 27 no.6:34-35 Ja '53.

(MLRA 6:6)

(Thinner (Paint mixing))

DYKHOVICHNYY, Yuriy Abramovich, inzh.; KRIVONOV, B.I., inzh.;
LEVITAN, Ye.P., kand. tekhn. nauk; MAKROUSHIN, A.K.,
inzh.; TARGANSKIY, H.L., inzh.; SHECHKIN, A.A., prof.,
doktor tekhn. nauk, retsenzent; DROZDOV, A.G., inzh.,
retsenzent; DEMENT'YEV, S.T., inzh., retsenzent; SHUKH,
A.I., inzh., retsenzent; KIRILIOV, Ye.A., inzh.,
retsenzent; PERMYAKOV, S.I., kand. tekhn. nauk, retsenzent;
BAIASHOV, S.I., inzh., nauchn. red.

[Large-scale fully prefabricated housing construction in
Moscow] Massovoe palnosbornoe domostroeniye v Moskve.

[By] I.U.A.Dykhovichnyi i dr. Moskva, Stroiizdat, 1969.
275 p. (MIRA 13.3)

1. DEMENT'EV, V.
2. USSR (600)
4. Architecture, Domestic - Designs and Plans
7. Plans of houses for collective farmers. Sel'. stroi. 8, no. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

LUKASHEV, K.I., professor; ~~DIMMENT'YEV~~, V., redaktor; GURVICH, G., tekhnicheskii redaktor

[Principal genetic types of Quaternary deposits of the U.S.S.R.]
Osnovnye geneticheskie tipy chatvertichnykh otlozhenii SSSR. Minsk,
Izd-vo Belorusskogo gos.univ. im. V.I.Lenina, 1955. 256 p.
(Geology, Stratigraphic) (MLA 9:11)

DEMENT'YEV, V.

In shorter time and without losses. Avt.transp. 40 no.9:8-9
s '62. (MIRA 15:9)

(Farm produce--Transportation)

SEMENOV, Zakhariy Semenovich; MOROZOV, Valeriy Aleksandrovich;
DEMENT'YEV, V., red.

[Wages for construction workers] Oplata truda rabochikh
v stroitel'stve. Moskva, Mosk. rabochii, 1964. 86 p.
(MIRA 18:1)

DEMENT'YEV, V.; NAZAROV, P.

Enterprise of communist labor. Avt. transp. 42 no.9; 9-11 9 '64.
(MIRA 17811)

DEMENT'EV, V. A.

PROCESSES AND PROPERTIES INDEX

9

The stability of the magnesia bottoms of open-hearth furnaces. V. A. Dement'ev. *Teoriya Prakt. Met.* 12, No. 10, 8-9(1940). MgO is the basic component which sets the refractory, chem. and mech. properties of the furnace bottom. The max. content of MgO in the refractories of open-hearth furnace bottoms is 75%. The refractory properties of the bottom depend on the MgO content. The m. p. of the bottom increases with the increase of the MgO content. All other components of the refractory material (such as CaO) are admixts., increase of which decreases the m. p. of the furnace bottom. W. R. Henn

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

62

SOLODKOV, M.V.; DEMENT'YEV, V.A., red.; MURASHOVA, V.A., tekhn. red.

[Large-scale machine production; lecture on a course in the
economics of capitalism] Krupnoe mashinnoe proizvodstvo; lektsiia
po kursu politicheskoi ekonomii kapitalizma. Moskva, Vysshaia
shkola, 1962. 42 p. (MIRA 15:6)

(Economics)

(Capitalism)

RUSHCHINSKIY, V.M., kand.tekhn.nauk; DUEL', M.A., kand.tekhn.nauk;
DEMENT'YEV, V.A., inzh.; NECHAYEV, B.Ya., inzh.; ~~NECHAYEV~~, V.A.,
Inzh.; SHTEFAN, V.Ye., inzh.

Experimental system for the control of the 67-2SP boiler and
K-50-90 turbine block by means of a control computer.
Teploenergetika 9 no.10:32-35 0 '62. (MIRA 15:9)

1. Tsentral'nyy nauchno-issledovatel'skiy institut kompleksnoy
avtomatizatsii i Khar'kovskoye upravleniye energokhozyaystva.
(Automatic control) (Electric power stations)

DEMENT'YEV, V. A.

AID P - 1779

Subject : USSR/Chemistry

Card 1/1 Pub. 78 - 17/26

Authors : Pyshkov, N. G., Dement'yev, V. A. and Belyanchikov, G.P.

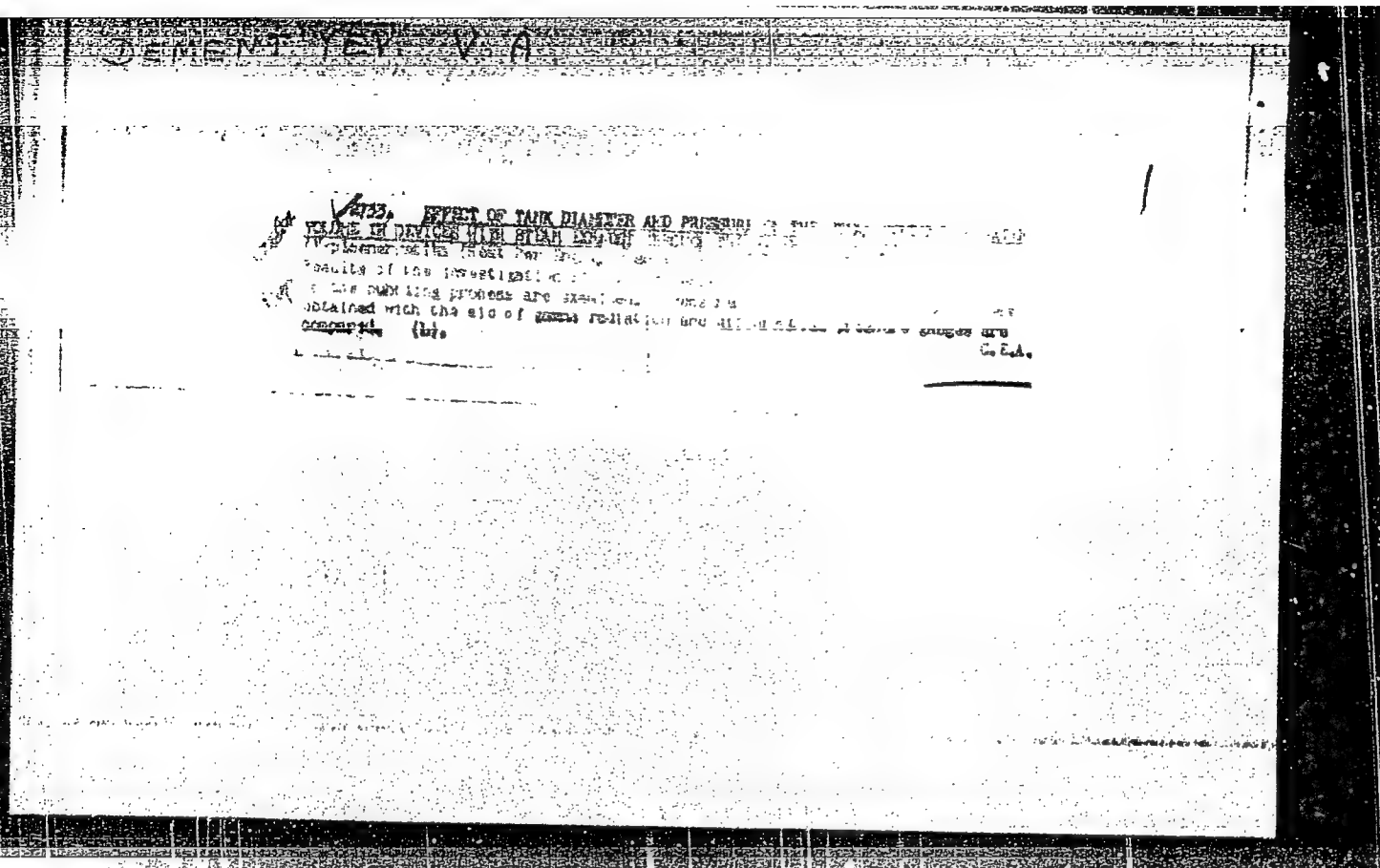
Title : Engine properties of distilled Diesel lubricating oils

Periodical : Neft. khoz., v.33, no.3, 68-74, Mr 1955

Abstract : The authors discuss different lubricating oils used in the USSR for various Diesel motors. They analyze and compare the refined lubricating oil MS-20 with one prepared with additive AzNII-4. Tables

Institution: Gavryukhin, V. M., Reznikov, V. D., Pyshkov, S. I. Engineers, who helped in this work

Submitted : No date



DEMENT'YEV, V.A., inzh.; IOFFE, G.Ya., inzh.; KROL', L.B., kand. tekhn. nauk.

New method of checking water level in boiler drums. Elek. sta. 29
no.2:20-24 F '58. (MIRA 11:3)
(Liquid level indicators) (Radioisotopes--Industrial applications)

DEMENT'YEV, V.A., inzh.; FRENKEL', A.Ya., inzh.; RUSHCHINSKIY, V.M., kand.tekhn.
nauk

Study of the dynamics of a block consisting of a 67-2SP boiler and
K-50-90 turbogenerator. Teploenergetika 9 no.8:23-31 Ag '62.
(MIRA 15:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut kompleksnoy
avtomatizatsii.

(Boilers) (Turbogenerators)

S/076/62/036/003/002/011
B101/B108

AUTHORS: Dement'yev, V. A., and Kologrivov, V. N. (Moscow)
TITLE: Emission spectrum of a solid explosive detonated in a vacuum
PERIODICAL: Zhurnal fizicheskoy khimii, v. 36, no. 3, 1962, 458 - 462

TEXT: At the suggestion of M. A. Sadovskiy, Corresponding Member AS USSR, experiments were made with the explosive П50/50 (TG 50/50) in a vacuum of $(5-8.5) \cdot 10^{-2}$ mm Hg in order to observe the emission of the detonating explosive without interference by a shock wave. The explosive's spectrum was recorded with a spectrograph ИСТ-51 (ISP-51). For the elimination of any effect of a shock wave a ΦP (ZhFR) shutter was connected with the primer, cutting off the admission of light to the spectrograph 1 - 2 μ sec before the shock wave occurred. By comparison of the obtained spectrum with the spectrum from a tungsten band lamp heated to a known temperature most of the lines were identified as belonging to cyanogen or carbon. Some lines could not be identified. The energy distribution in the spectrum obeyed Wien's law in the range 450 - 570 $m\mu$, whence the temperature was calculated to be
Card 1/2

Emission spectrum of ...

S/076/62/036/003/002/011
B101/B108

$(4.0 \pm 0.3) \cdot 10^3$ °K. A similar result was obtained with the explosive TC 50/50 in air: between 450 and 620 mμ the temperature was found to be $(6.0 \pm 0.3) \cdot 10^3$ °K. Experiments in which a glass cylinder was ground to one end of the explosive charge yielded a spectrum without any bands or lines except one at 5,900 Å (C_2 or Na). Also this spectrum followed Wien's law in the range 450-620 mμ; temperature was $(4.9 \pm 0.3) \cdot 10^3$ °K. The spectral lines and bands are mentioned to appear after the continuous spectrum. There are 4 figures, 1 table, and 3 Soviet references.

ASSOCIATION: Akademiya nauk SSSR, Institut khimicheskoy fiziki (Academy of Sciences USSR, Institute of Chemical Physics)

SUBMITTED: May 8, 1960

Card 2/2

TULEBAYEV, Tulepbergen; DEMENT'YEV, V.A., red.; GERASIMOVA, Ye.S.,
tekhn. red.

[Theoretical and practical problems in planning the budgets
of the Union Republics; the example of the Kazakh S.S.R.]
Voprosy teorii i praktiki planirovaniia biudzhetrov soluznykh
respublik; na primere Kazakhskoi SSR. Moskva, Ekonomizdat,
1963. 331 p. (MIRA 16:6)

(Kazakhstan--Budget)

MAYOROV, V.V.; KAPLAN, B.L.; DEMENT'YEV, V.A.

Effect of the distances between grouped charges on the amplitude
and frequency spectrum of the signal recorded during blasting.

Razved. i prom. geofiz. no.47:51-58 '63. (MIRA 16:8)
(Blasting) (Seismic prospecting)

DEMENT'YEV, V.A.; MARTSINKEVICH, G.I.

Interdependence of vegetation and soil distribution in the northern
and central parts of White Russia. Vest. Mosk. un. Ser. 5: Geog.
19 no.2:72-76 Mr-Apr '64. (MIRA 17:4)

1. Kafedra fizicheskoy geogra'ii Belorusskogo gosudarstvennogo
universiteta imeni Lenina.

DEMENT'YEV, V.A., inzh.; FRENKEL', A. Ya., inzh.; OVSIANNIKOV, Yu.B.,
inzh.

Study of the control system of a once-through type boiler-
turbine unit with subcritical steam parameters. Teploenergetika
11 no.5:6-11 My'64. (MIRA 17:5)

1. Gosudarstvennyy vsesoyuznyy tsentral'nyy nauchno-
issledovatel'skiy institut kompleksnoy avtomatizatsii.

DEMENT'YEV, V. A.

21464

DEMENT'YEV, V. A.

Osnovnyye cherty morfologii i razvitiya rali'yefa Belorussii.
Trudy Vtorogo Vsesoyuz. geogr. s"yezda. T. P.M., 1948,
s. 105 - 14

SO: Letopis' Zhurnal'nykh Statey, No. 29, Moskva, 1949

V. A. DEMENT'YEV (Byelorussian Univ.), A. V. STUPISHIN (Kazan' UNIV.), B. A. LUNIN (Kirghiz Univ.) and Yu. A. USMANOV (Bashkir Inst. of Agric.) V. D. BOBOK and N. N. DZENS-LITOVSKAYA (Leningrad Univ.), K. G. RAMAN (Latvian Univ.)

"The economic division of their respective regions"

report presented at an Inter-University Conference on Dividing the USSR into Economic Regions, 1-5 February 1958, Moscow. (Izv. Ak nauk SSSR, 4,146-49; 1958 author - Gvozdetskiy, N. A.)